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| 1. Compare fractions using equivalence. Locate and represent positive and negative fractions and mixed numbers on a number line [(ACMNA152)](http://ausvels.vcaa.vic.edu.au/Curriculum/ContentDescription/ACMNA152) |
| 1. Solve problems involving addition and subtraction of fractions, including those with unrelated denominators [(ACMNA153)](http://ausvels.vcaa.vic.edu.au/Curriculum/ContentDescription/ACMNA153) |
| 1. Multiply and divide fractions and decimals using efficient written strategies and digital technologies [(ACMNA154)](http://ausvels.vcaa.vic.edu.au/Curriculum/ContentDescription/ACMNA154) |
| 1. Express one quantity as a fraction of another, with and without the use of digital technologies [(ACMNA155)](http://ausvels.vcaa.vic.edu.au/Curriculum/ContentDescription/ACMNA155) |

**Topic Five: Fractions**

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| Lesson | Learning Intention | Activities |
| 1 | **Pretes**t-previous understanding of fractions | Basic test(35 mins) |
| 2&3 | **What is a fraction?**  Understanding terminology such as fraction, Numerator, Denominator  Define various Fractions-Proper, Improper and Mixed Numbers | BLM 1.8 worksheet  BLM 1.9 Fraction Names  **(Notes will accompany these activities from Teaching Literacy in Mathematics)**  Activity 2.1  Activity 2.2  Activity 2.4  Exercise 4A pg 178 |
| 4&5 | **Equivalent and simplified Fractions**-Connecting concepts with symbols and representation | HRM 5-Fill of Fractions  HRM-6 Another Brick in the Wall  Tangram Parts  Colour in Fractions game  Find me a Partner  Exercise 4B pg 184 |
| 6 | **Mixed Numbers** | Exercise 4C pg 191  Find Me a partner activity(improper to mixed number) |
| 7 | **How to use the ABC button on the calculator** | Worksheet (30min) |
| 7&8 | **Comparing and ordering Fractions**-  Fractions a s a number  To order or compare the relative size of a fraction  Reading fractions incorrectly, such as3/4 as “three fours” or “four threes” | Fraction Number Lines  10. Benchmarking Fractions Worksheet  Ex 4D pg 196 |
| 9 | **Estimating Fractions** | 14. Estimating Fractions |
| 10&11 | **Adding Fractions** | Grid paper activity-using graph paper to show how to add fractions  Ex 4E, pg 199 |
| 12&13 | **Subtracting Fractions** | Grid paper activity-using graph paper to show how to add fractions  Ex 4F. pg 208 |
| 14 | **Multiplying Fractions** | Fraction Multo Game  Ex 4G, pg 217 |
| 15 | **Dividing Fractions** | Ex 4H, pg 223 |
| 16/17 | **Revision/Test** | Chapter Review, pg 226/pg246 |

Please note; the activities have come from “Teaching Literacy in Mathematics in Year 7” and “ Fractions and Decimals-Online Interview Classroom activities”

These activities are there to support your teaching and you can use all or some of them.